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1636 CF

Docket No.: 04172/000K523-US0

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mike Levanduski

Serial No.:

10/026,420, /

Filed:

December 18, 2001

For:

PLURIPOTENT STEM CELLS DERIVED WITHOUT

THE USE OF EMBRYOS OR FETAL TISSUES

February 23, 2005

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

- 1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:(Check one of the boxes A-D)
  - []A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.
  - [] B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
  - [X] C. after (A) and (B) above, but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have made

the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

)

- [X] i. Counsel states that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- [] ii. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.
- [] D. after (A), (B) and (C) above, but before payment of the issue fee: Counsel states that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
  - [] i. A check for the fee set forth in 1.17 (p), presently believed to be \$180, is enclosed.
- 2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO/SB/08) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A, B and/or C and fill in blanks, if appropriate.).

- [] A. Pursuant to the Notice issued by the United States Patent and Trademark Office dated July 11, 2003 waiving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.
- [] B. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.
- [] C. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:

[SERIAL NO. & FILING DATE].

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO/SB08 from the files of the prior application(s) or a fresh PTO/SB/08 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

Y

MPEP § 609 A(3)).

[] 3. Document(s)_	are not in the English language. In accordance with
1.98(c), Applicant states:	
there	English translation of each document (or of the pertinent portions of), or a copy of each corresponding English-language patent or leation is enclosed.
	e attached search report (see MPEP § 609 A(3)x).
-5	ncise explanation of the relevance of document(s) is set as follows: [Insert concise explanation of relevance]
L.J	oncise explanation of the relevance of document(s) can be d on page(s) of the specification.
	oncise explanation of document(s) can be found on the hed sheet.
[] 4 No explanation	of relevance is necessary for documents in the English language (see

- [X] 5. Other information being provided for the examiner's consideration follows: An European Search Report dated January 24, 2005, which issued during the prosecution of European Patent Application No. EP 02 80 5209.
- 6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

## **CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS**

Pursuant to 37 C.F.R. § 1.78, Applicant notes that	the above-identified	patent application
may be related to the following U.S. Patent Applications:	•	

(1) U.S. Patent Application Serial No \_\_\_\_\_\_, filed \_\_\_\_\_\_.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

February 23, 2005

Paul F. Fehlner

Registration No. 35,135 Attorney for Applicant(s)

DARBY & DARBY P.C. 805 Third Avenue New York, N.Y. 10022 (212) 527-7700

Application No. (if known): 10/026,420

Attorney Docket No.: 04172/000K523-US0

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. in an envelope addressed to:

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each submitted paper.

Information Disclosure Statement (4 pages)

PTO SB/08 (1 page)

5 References

Copy of European Search Report

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PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449A/B/PTO		Complete if Known			
				Application Number	10/026,420
l IN	<b>IFORMATIC</b>	N DI	SCLOSURE	Filing Date	December 18, 2001
l s	STATEMENT BY APPLICANT			First Named Inventor	Mike Levanduski
				Art Unit	1636
(Use as many sheets as necessary)		Examiner Name	S. Kaushal		
Sheet	1	of	1	Attomey Docket Number	04172/000K523-US0

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>		
	ВА	WO-00/49138-A2	08-24-2000	University of Sheffield				
	BB	WO-00/52145-A2	09-08-2000	University of Massachusetts, A Public Institution of Higher Education of the Commonwealth of Massachusetts	·			
	ВС	WO-01/30978-A1	05-03-2001	University of Massachusetts				
	BD	WO-98/29532-A1	07-09-1998	Monash University				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Э	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>		
		Megan J. MUNSIE, et al., "Isolation of pluripotent embryonic stem cells from reprogrammed adult mouse somatic cell nuclei", Current Biology, August 24, 2000, Vol. 10, No. 16, pp. 989-992.			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	 Date Considered	

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.